



Dart Aerospace Ltd.
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K6A 1K7
Canada

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013750

D412-702-023
Job Sheet 205206



Part No: D412-702-023

Job Qty: 1 pcs

Part Name: Shoulder Harness,4 Point Attachment,5 Man Fwd Facing



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 1/3/20

Job Tracking No:

Due Date: 1/31/20

Created By: Linda Lacelle

Type: SOLD

Description:

Note: IIN-D412-702 REV.B / DSI9559 REV.A IPP Rev:B Removed Manufacturing 05-11-08 JLM IPP Rev:C IPP rev D
06.12.14 per ecn 871 EC IPP Rev:E 07-03-14 As per DSI 9351 JLM IPP Rev.F 11.05.31 DSI 9559 EC verified
by: JLM

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
110	Packaging 1 - Pick Kit	1 pcs	1/31/20	0.00	0.00		Packaging 1 - 1		
							Packaging 1 - 2		
							Packaging 1 - 3		
							Packaging 1 - 4		
							Packaging 1 - 5		
							Packaging 1 - 6		
							Packaging 1 - 7		
							Packaging 1 - 8		
							Packaging 1 - 9		
							Packaging 1 - 10		
							Packaging 1 - 11		
							Packaging 1 - 12		
							Packaging 1 - 13		
							Packaging 1 - 14		
							Packaging 1 - 15		
							Packaging 1 - 16		
							Packaging 1 - 17		
							Packaging 1 - 18		
							Packaging 1 - 19		
							Packaging 1 - 20		
							Packaging 1 - 21		
							Packaging 1 - 22		
							Packaging 1 - 23		
							Packaging 1 - 24		
							Packaging 1 - 25		
							Packaging 1 - 26		
							Packaging 1 - 27		
							Packaging 1 - 28		
							Packaging 1 - 29		
							Packaging 1 - 30		



Container No: S244842

Part: D412-702-023

Job No: 205206

Serial No/Batch: S244842

Revision: B/A

Inspector:

Exp Date:

Instructions: TC STC SH04-7 Issue 30, FAA, STC SR01997N

Dart Aerospace Ltd.
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CANADA
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				Packaging 1 - 31	
				Packaging 1 - 32	
				Packaging 1 - 33	
				Packaging 1 - 34	
				Packaging 1 - 35	
				Packaging 1 - 36	
				Packaging 1 - 37	
120 QC 4	1 pcs	1/31/20	0.00 0.00	QC 4 - 28	
				QC 4 - 58	
				QC 4 - 69	
				QC 4 - 9	
				QC 4 - 46	
				QC 4 - 68	
				QC 4 - 72	
				QC 4 - 74	
				QC 4 - 75	
				QC 4 - 78	
				QC 4 - 84	
				QC 4 - 80	
130 Packaging 3-1 - Stock - B4B	1 pcs	1/31/20	0.00 0.00	Packaging 3 - 1 - B4B	
				Packaging 3 - 2 - B4B	
				Packaging 3 - 3 - B4B	
				Packaging 3 - 4 - B4B	
				Packaging 3 - 5 - B4B	
				Packaging 3 - 6 - B4B	
				Packaging 3 - 7 - B4B	
				Packaging 3 - 8 - B4B	
				Packaging 3 - 9 - B4B	
				Packaging 3 - 10 - B4B	
				Packaging 3 - 11 - B4B	
				Packaging 3 - 12 - B4B	
				Packaging 3 - 13 - B4B	
				Packaging 3 - 14 - B4B	
				Packaging 3 - 15 - B4B	
				Packaging 3 - 16 - B4B	
				Packaging 3 - 17 - B4B	
				Packaging 3 - 18 - B4B	
				Packaging 3 - 19 - B4B	
				Packaging 3 - 20 - B4B	
				Packaging 3 - 21 - B4B	
				Packaging 3 - 22 - B4B	
				Packaging 3 - 23 - B4B	
				Packaging 3 - 24 - B4B	
				Packaging 3 - 25 - B4B	
				Packaging 3 - 26 - B4B	
				Packaging 3 - 27 - B4B	
				Packaging 3 - 28 - B4B	
				Packaging 3 - 29 - B4B	
				Packaging 3 - 30 - B4B	
				Packaging 3 - 31 - B4B	
				Packaging 3 - 32 - B4B	
				Packaging 3 - 33 - B4B	
				Packaging 3 - 34 - B4B	
				Packaging 3 - 35 - B4B	
				Packaging 3 - 36 - B4B	
				Packaging 3 - 37 - B4B	
135 DC - 1 - B4B	1 pcs	1/31/20	0.00 0.00	DC - 1 - B4B	DAS 21 JAN 06 2020
				DC - 2 - B4B	DAS 21 JAN 06 2020
140 QC 21 - FG	1 pcs	1/31/20	0.00 0.00	QC 21 - FG - 21	DAS 21 JAN 06 2020

QC 21 - FG - 70

QC 21 - SA - 53

Part Op 110 - (Pick Kit)

Descriptions: 120 - (QC4- 100% inspect kits for completeness)

130 - (Identify as per dwg & Stock Location:) Identify and pack for shipping as per PPP D412-702-023

Location:FG029

135 - Photocopy bluefile and create labels per PPP D412-702-023 CHG003

140 - (QC21- Final Inspection - Work Order Release)

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
AN4-13A	Bolt	4 Ea (ea)	110-Packaging 1 - Pick Kit	5228670
D3195-041	Bracket	2 pcs (2 ea)	110-Packaging 1 - Pick Kit	5203580
D3195-043	Bracket	2 pcs (2 ea)	110-Packaging 1 - Pick Kit	5154393X1. 518555 7X1
D3196-1	Bar	1 pcs (1 ea)	110-Packaging 1 - Pick Kit	5184059
D3197-041	Bar	2 pcs (2 ea)	110-Packaging 1 - Pick Kit	5224242X1 5184045X1
D3268-1	Placard	2 pcs (2 ea)	110-Packaging 1 - Pick Kit	5027733
D3546-1	Clip	2 pcs (2 ea)	110-Packaging 1 - Pick Kit	5025793X1 5027885X1
D3551-11	Hook And Loop Tie	5 pcs (ea)	110-Packaging 1 - Pick Kit	5223092
D412-702-069	Grommet	1 pcs (1 ea)	110-Packaging 1 - Pick Kit	5191083
D4387-041	Harness Assembly	5 pcs (ea)	110-Packaging 1 - Pick Kit	5230217X4 522896X1 -
MS24694-S152	Screw	2 Ea (2 ea)	110-Packaging 1 - Pick Kit	514137054
MS24694-S154	Screw	2 Ea (2 ea)	110-Packaging 1 - Pick Kit	5034409

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
110-Packaging 1 - Pick Kit	AN4-13A	4	784	0
	D3195-041	2	5	0
	D3195-043	2	5	0
	D3196-1	1	8	0
	D3197-041	2	6	0
	D3268-1	2	4	0
	D3546-1	2	11	0
	D3551-11	5	30	0
	D412-702-069	1	1	0
	D4387-041	5	16	0
	MS24694-S152	2	55	0
	MS24694-S154	2	28	0

Part Specifications

Specifications could not be found.

QTY -021	QTY -023	QTY -025	QTY -027	QTY -029	QTY -035	QTY -081	Part Number	Description
X							D412-702-021	Dart 13-Man Shoulder Harness Kit, 4-point
	X						D412-702-023	Dart 5-Man Forward Facing Shoulder Harness Kit, 4-point
		X					D412-702-025	Dart 4-Man Aft Facing Shoulder Harness Kit, 4-point
			X				D412-702-027	Dart 4-Man Side Facing Shoulder Harness Kit, 4-point
				X			D412-702-029	Dart 1-Man Forward Facing Shoulder Harness Kit, 4-point
					X		D214-702-035	Dart 5-Man Aft Facing Shoulder Harness Kit, 4-point, for Bell 214B/B-1
						X	D412-702-081	Dart 2-Man Aft Facing Shoulder Harness Kit, 4-point
1			1	1			D412-702-069	GROMMET KIT
2							D3195-041	BRACKET
2							D3195-043	BRACKET
1				1			D3195-1	BAR
1			1				D3196-3	BAR
1			1				D3196-4	BAR
2							D3197-041	BAR
4		4				2	D3198-1	FITTING
2							D3268-1	PLACARD
9			4	1			D3446-041	HARNESS ASSEMBLY, 4 POINT
4		4				2	D3446-043	HARNESS ASSEMBLY, 4 POINT
					5		D3446-045	HARNESS ASSEMBLY, 4 POINT
13	5	4	4	1	5	2	D3554-11	HOOK AND LOOP TIE
2	2						D3554-1	CLIP
4		4				2	AN4-5A	BOLT
4							AN4-13A	BOLT
8		8				4	AN4-20A	BOLT
20		20				10	AN960JD416	WASHER (OR NAS1149D0463J)
12		12				6	MS21042L4	NUT (OR MS21042-4)
8	2		6	2			MS24694-S152	SCREW
8	2		6	2			MS24694-S154	SCREW

QTY -069	Part Number	Description
X	D412-702-069	GROMMET KIT
24	D3619-2	GROMMET
1	D3619-2T1	HOLE PUNCH
1	D3619-2T2	STRIKER BLOCK
1	D3619-2T3	PUNCH
1	D3619-2T4	DIE



RELEASED
16.04.25

PPP

Part Number	D412-702-023	Box Part Number	BX08	Dimension	8 x 8 x 36
Description	5-Man Shoulder Harness	Other Packaging	Uline S4483		
		Logo Decals			

Packaging Instructions and Decal Placement

D412-702-023

Tape box securely. Place (3) harness at the bottom of box. Wrap bar, hardware & paperwork in foam and put in box. Put in the (2) harness that are left on each side of the hardware, place foam in box to prevent movement and close box. Apply tape to center of box. Strap box lengthwise on both sides to make a cross. Apply Dart tape over strapping. Apply label D2729-3 as per instructions in QSI 014.

D2729-4

D2729-3

N/A

	Dart Aerospace Ltd. 1270 Aberdeen Street Hawkesbury, ON K6A 1K7 CANADA TEL.: 1 813 632-5200
5-MAN SHOULDER HARNESS	
P/N: D412-702-023	CHG003
B/N: BXXXXXX	

DAS
16
9-89

2016/04/26

Revision: E
Date: 16.04.08

DART SERVICE INSTRUCTION

TO AMEND IIN-D412-702-1 REV. A,
AND ICA-D412-702 REV. 4 OR EARLIER APPROVED REVISIONS
REF. TCCA STC: SH04-7
REF. FAA STC: SR01997NY
REF. EASA STC: EASA.IM.R.S.00710

PURPOSE

The purpose of this DSI is to outline the replacement of existing D3446-041/-043 Shoulder Harnesses with the new and improved D4387-041/-043 Shoulder Harnesses.

CHANGE

For the following Kits, the D4387-041 and D4387-043 Shoulder Harnesses respectively replace the D3446-041 and D3446-043 Shoulder Harnesses as follows:

Old Harness P/N	Used On	New Harness P/N	Effectivity
D3446-041	D412-702-021	D4387-041	CHG 003 and subsequent
	D412-702-023		CHG 002 and subsequent
	D412-702-027		CHG 002 and subsequent
	D412-702-029		CHG 002 and subsequent
D3446-043	D412-702-021	D4387-043	CHG 003 and subsequent
	D412-702-025		CHG 002 and subsequent

Customers who want to upgrade their shoulder harnesses may replace their existing D3446-041/-043 with D4387-041/-043 per this service instruction.

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY: 
D. SHEPHERD (DE # 02)

DATE: 11.05.09
CERT. NO.: SH04-7
ISSUE NO.: 3

A	NEW ISSUE	MB	11.05.09
REV.	DESCRIPTION	BY	DATE
DESIGN		DART AEROSPACE LTD	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9559	SHEET 1 OF 1
APPROVED		TITLE	SCALE
DE APPR.		HARNES CHANGE	NTS
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